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Self-adjusting tissue holder

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(12) **United States Patent**
Sierad et al.

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(54) **SELF-ADJUSTING TISSUE HOLDER**

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(51) **Int. Cl.**
A61F 2/24 (2006.01)

(52) **U.S. Cl.**
CPC ***A61F 2/2472*** (2013.01)

(58) **Field of Classification Search**
CPC A61F 2/2409; A61F 2/2412; A61F 2/2415; A61F 2/2427
See application file for complete search history.

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(57) **ABSTRACT**

Tissue holders that can be used for gripping natural or synthetic heart valves are described. The tissue holder can include a clamping mechanism and a spring and can be self-adjusting with regard to pressure applied to the tissue gripped in the holder. The tissue holder can be removably attached to systems for processing the tissues and can provide completely hands-free processing of a tissue from development or excisement to implantation and/or completion of testing.

12 Claims, 10 Drawing Sheets